

ACCESSION NR: AT4043275

ASSOCIATION: Bashkirskiy nauchno-issledovatel'skiy institut po pererabotke nefti, Ufa
(Bashkir Scientific Research Institute for Petroleum Refining)

SUBMITTED: 00

ENCL: 00

SUB CODE: OC, FP

NO REF SOV: 009

OTHER: 006

3/3

Card

ACCESSION NR: AT4043275

1200-9000 hr.⁻¹, decreased the carbon dioxide content from 0.02-0.04% to 0.001%. In order to decrease the amount of sulfur compounds from 1-8 to 0.5 mg/mm³, up to 30,000 liters of ethylene can be processed with 1 liter of zeolite in one cycle of adsorption. The operation of the adsorption column is shown schematically. The influence of the particle size of the zeolite on the degree of purification was also investigated. Comparison of the results of adsorption with ordinary granules and with adsorbents ground to 1-2 mm showed that the ground zeolite is much more effective than the granulated one. The sulfur content of ethylene before and after purification with zeolites is shown in a table. The desorption of the gases adsorbed on zeolites, including ethylene, can be accomplished by bubbling through a methane-hydrogen mixture at atmospheric pressure and 240-300C, using a mixture of 600-800 liters per liter of zeolite. After desorption, the molecular sieves regain their adsorptive properties. The use of zeolites for removing impurities from ethylene makes it possible to reject the use of alkaline purification completely and to obtain ethylene of a higher degree of purity. The adsorption of acetylene from ethylene before its hydrogenation does not give a sufficiently high degree of separation; hence it cannot be recommended for industrial use. Orig. art. has: 8 figures, 2 tables and 1 chemical equation.

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ACCESSION NR: AT4043275

S/2744/64/000/007/0083/0094

AUTHOR: Vol'f, M. B., Grudnikov, I. B., Prokopyuk, L. G., Plan, M. A., Tukov, G. V.

TITLE: Removal of carbon dioxide and sulfur compounds from ethylene by means of synthetic zeolites

SOURCE: Ufa. Bashkirskiy nauchno-issledovatel'skiy institut po pererabotke nefli. Trudy*, no. 7, 1964. Sernisty*ye nefi i produkty* ikh pererabotki (Sour crude oil and products of refining), 83-94

TOPIC TAGS: zeolite, carbon dioxide, ethylene, sulfur synthetic zeolite, adsorption column, acetylene, ethylene purification, molecular sieve

ABSTRACT: An investigation of different molecular sieves made at the Gor'kovskaya eksperimental'naya baza (Gor'kiy Experimental Plant) of the VNII NP for the removal of carbon dioxide from ethylene by adsorption showed that the most effective zeolite samples were of the type CaA, NaA being less effective and CaX and NaX being unsuitable for the purification. Using CaA zeolite, optimal results were obtained at a volumetric rate of 1200-9000 liter/liter per hour (linear rate of 0.008-0.05 m/sec. A decrease in temperature from 36 to 3C improved the adsorption properties of CaA zeolite with respect to carbon dioxide. Adsorption on zeolite CaA in one cycle at 22 atm. and 3C, at a rate of

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VOL'F, M.B.; GRUDNIKOV, I.B.; PROKOPIYUK, L.G.; PLAN, M.A.; TUKOV, G.V.

Use of molecular sieves for an advanced stage of ~~ethylene~~ refining.
Khim.i tekhn.topl.i masel 8 no.8:23-30 Ag '63. (MIRA 16:9)

1. Bashkirskiy neftyanoy nauchno-issledovatel'skiy institut.
(Ethylene) (Zeolites)

PIANOWSKI, A.

Question of the quality of repairs. P. 47
MOTORYZACJA (Ministerstwo Transportu Drogowego i Lotniczego)
Warszawa Vol. 11, no. 2, Feb. 1956

SOURCE: BIAL LC Vol. 5, no. 7, July 1956

2

1

1

1

PLAMITZER, ANTON

Plamitzer, Anton. Surfaces d'ordre n ayant une courbe
généralisée d'ordre 6 et de genre 3 . *Prace Mat-Fiz.*
47, 62-104 (1949).

The definition from which the author embarks on a
lengthy description of this F^3 is that the surface is the locus
of the point of intersection of corresponding planes of three
collinearly related quadric envelopes. The surface, however,
is plainly the transform of a general quadric by the familiar
cubic transformation of space that is generated by three
correlations; and there is little the author has to say which
does not follow immediately from well-known properties of
this transformation, or from the resulting plane representa-
tion of F^3 by means of a linear curve-system C^3_{31} (11).

J. G. Semple (London).

Source: Mathematical Reviews,

Vol 11 No 1(1)

8744 X22

CHROBOLKA, Jaroslav; PLAMINEK, Josef; VAVRINA, Jaroslav

Classification of production units for the purpose of wage
differentiation of technical engineering workers. *Prace mzd*
13 no.4:166-172 Ap '65.

1. State Research Institute of Technical Organization of the
Ministry of Consumer Goods Industry, Prague.

DOKTORCZYK, Henryk; PLAMIENTAK, Zdzislaw

2 cases of a symptomatic syndrome of antibody deficiency. Polskie
arch. med. wewn. 31 no.5:721-730 '61.

1. Z II Kliniki Chorob Wewnetrznych AM we Wroclawiu Kierownik: prof.
dr med. A. Falkiewicz.

(AGAMMAGLOBULINEMIA case reports)

OLENIACZ, Wladyslawa; PLAMENIAK, Zdzislaw

Role of the lungs in lipid metabolism. Pol. arch. med.
wewnet. 33 no.8:903-907 '63.

1. Z II Kliniki Chorob Wewnetrznych AM we Wroclawiu
Kierownik: prof. dr med. A. Falkiewicz.
(ARTERIOSCLEROSIS) (LUNG DISEASES)
(LIPOPROTEINS) (BLOOD LIPIDS)
(BLOOD PROTEINS) (LIPID METABOLISM)

PLAMIENIAK, Zdislaw

A case of chloremyelois complicated by aspergillosis. Polski tygod.
lek. 15 no.48:1846-1849 28 N '60.

1. Z II Kliniki Choro6 Wewnetrznych A.M. we Wroclawiu; kierownik:
prof. dr Antoni Falkiewicz.

(LEUKOSARCOMA compl) (ASPERGILLOSIS compl)

POLAND

PLAMCENIAK, Zdzislaw and SMOLIK, Roman, Second Clinic of Internal Diseases (II Klinika Choro6 Wewnetrznych), AM [Akademia Medyczna, Medical Academy] in Wroclaw (Director: Prof. Dr. A. FALKIEWICZ)

"Serum Protein Pattern in Chronic Lead Poisoning."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 10, 4 Mar 63, pp 358-361.

Abstract: [Authors' English summary] The electrophoretic studies of the serum protein in 32 patients with chronic lead poisoning are reported. The gamma globulins were found to be decreased, the decrease being related to the degree of intoxication. These observations confirm the damaging effect of lead on the reticulo-endothelial system. Of the 12 references cited, 6 are in Polish, 3 in German, and one each in English, French, and Czech.

PLAMIENTAK, Zdzisław

Dysproteinemia in renal cancer. Pol. arch. med. wewn. 32 no.10,
1315-1319 '62.

1. Z II Kliniki Chorob Wewnętrznych AM we Wrocławiu Kierownik: prof.
dr med. A. Falkiewicz.
(KIDNEY NEOPLASMS) (BLOOD PROTEIN DISORDERS)

PLAMIENIAK, Zdzislaw; ZUKOWSKI, Wojciech

Plasma lipoproteins in certain thyroid diseases. Pol. arch. med. wewn.
33 no.2:131-137 '63.

1. Z II Kliniki Chorob Wewnętrznych AM we Wrocławiu Kierownik: prof.
dr med. A. Falkiewicz i z Wojewódzkiej Poradni Chorob Tarczycy we
Wrocławiu Kierownik: dr med. A. Pacynski.

(LIPOPROTEINS) (HYPERTHYROIDISM) (HYPOTHYROIDISM)
(THYROIDISM) (BLOOD CHEMICAL ANALYSIS)

PLAMENIAK, Zdzislaw; SMOLIK, Roman

Behavior of serum proteins in cases of chronic lead poisoning.
Pol. tyg. lek. 18 no.10:358-361 4 Mr '63.

1. Z II Kliniki Chorob Wewnetrznych AM we Wroclawiu; kierownik:
prof. dr A. Falkiewicz.

(LEAD POISONING)
(BLOOD PROTEIN ELECTROPHORESIS)

OLENIACZ, Władysław; FLAMIENIAK, Zdzisław

Lipid metabolism disorders in chronic carbon disulfide poisoning. Pol. arch. med. wewnet. 33 no.10:1179-1182 '63.

1. Z II Kliniki Chorob Wewnętrznych AM we Wrocławiu Kierownik:
prof. dr med. A. Falkiewicz.

(CARBON DISULFIDE)

(OCCUPATIONAL DISEASES)

(BLOOD LIPIDS) (BLOOD PROTEINS)

(LIPOPROTEINS) (ARTERIOSCLEROSIS)

OLENIACZ, Wladyslaw; PLAMBIAN, Zdzislaw.

Lipid metabolism disorders in diabetes. Pol. tyg. lek. 48
no.41:1516-1519 7 0 '63.

1. Z II Kliniki Chorob Wewnętrznych AM w Warszawie, Warszawa
prof. dr A. Falkiewicz.

(BLOOD LIPIDS)	(BLOOD PROTEINS)
(LIPOPROTEINS)	(BLOOD CHOLESTEROL)

ILLEGIBLE

L 33990-65
ACCESSION NR: AP5007650

SUBMITTED: 17Sep64

NO REF SOV: 001

ENCL: 00

OTHER: 000

SUB CODE: MA

Card 3/3

L 33990-65

ACCESSION NR: AP5007650

are known functions from $L_2[(0, \infty); \rho]$. Let B be a square matrix of order s of the form $B = (B_1, \dots, B_N)$, where

$$B_j = \begin{pmatrix} \Phi_1(x_j) & \dots & \Phi_1^{(l_j-1)}(x_j) \\ \Phi_2(x_j) & \dots & \Phi_2^{(l_j-1)}(x_j) \\ \dots & \dots & \dots \\ \Phi_s(x_j) & \dots & \Phi_s^{(l_j-1)}(x_j) \end{pmatrix} \quad (2)$$

For existence and uniqueness of the solution of problem (1) for arbitrary $\psi_k(\rho)$, it is necessary and sufficient that the determinant $\det B$ is not equal to zero. When this condition is satisfied, the solution depends continuously on f and ψ_k . "The authors express their unbounded gratitude to Professor S. G. Mikhlin for his constant attention to and discussion of the work." Orig. art. has: 7 formulas.

ASSOCIATION: Leningradskiy gosudarstvennyy universitet im. A. A. Zhdanova
(Leningrad State University)

Card 2/3

L 33990-65 EWT(d) Pg-4 IJP(c)

ACCESSION NR: AP5007650

AUTHORS: Maz'ya, V. G.; Plamenevskiy, B. A.

TITLE: Singular equations with a symbol going to zero

SOURCE: AN SSSR. Doklady, v. 160, no. 6, 1965, 1250-1253

TOPIC TAGS: differential equations

ABSTRACT: In spaces of generalized functions, the authors study singular equations on the plane under the condition that the symbol can go to zero along a finite number of rays. In contrast to the case where the symbol is not degenerate, the solution of equations of convolution type which they treat is not uniquely determined. For equations of convolution type the authors consider three properly posed problems (in which conditions to guarantee unique solvability are adjoined). They give a problem for an equation with a symbol weakly depending on a pole. A typical problem is

$$Au = f, \quad [A_k u, 1] = \psi_k(\rho), \quad (k = 1, \dots, s = \sum_{j=1}^N l_j), \quad (1)$$

where A_k are singular operators with symbols

$$\Phi_k(\theta) \in \mathcal{S}_k^{\infty}$$

and

Card 1/3

14
12
B

L 29139-68

ACCESSION NR: AP4047314

SUBMITTED: 22 Apr64

SUB CODE: MA

NR REF SOV: 002

0
ENCL: 00

OTHER: 003

Card 2/2

29139-65 EWT(a)/EWT(m)/EWP(n)/EWA(d)/EWP(v)/EWP(k)/EWA(h) Pf-4/Pg-4/Feb
IJP(c) EM

ACCESSION NR: AP4047314

S/0020/64/158/004/0780/0783

AUTHORS: Plamenevskiy, B.A.

TITLE: Singular integral equations on an infinite cylinder

SOURCE: AN SSSR. Doklady*, v. 158, no. 4, 1964, 780-783

TOPIC TAGS: singular integral equation, real analysis, integral equation, integral operator, singular kernel, periodic singular kernel

ABSTRACT: The author constructs a theory of singular integral equations on an infinite m -dimensional cylinder. The operators are generated by periodic singular kernels. Formulas are provided for the Fourier transform, convolution, and multiplication of operators. "The author would like to thank Professor S.G. Mikhlin for his attention to this paper." Orig. art. has: 4 equations.

ASSOCIATION: Leningradskiy gosudarstvennyy universitet im. A.A. Zhdanova (Leningrad State University)

Card 1/2

PLAMENSKAYA, A.G.

Find of representatives of the genera Chainodictyon and
Kazarchimedes in the Lower Carboniferous of Kazakhstan.
Paleont. zhur. no.2:45-48 '64. (MIRA 17:7)

1. Yuzhno-Kazakhstanskoye geologicheskoye upravleniye
Ministerstva geologii i okhrany neдр KazSSR.

Plamenevskaya, N.L.
PLAMENEVSKAYA, N.L.

Phenomena of amazonite coloration in the Maykul' granite intrusion;
southwestern Balkhash region. Trudy IGEM no.5:47-55 '57.(MIRA 10:12)
(Balkash region--Amazonstone)

AUTHOR: Plamennov, I.Ya. (Moscow) SOV/39-45-4-3/7
TITLE: Asymptotic Differentiation of the Functions of two Real Variables
(Asimptoticheskoye differentsirovaniye funktsiy dvukh
deystvitel'nykh peremennykh)
PERIODICAL: Matematicheskii sbornik, 1958, Vol 45, Nr 4, pp 433-454 (USSR)
ABSTRACT: The paper contains detailed proofs for the results on questions
joining older papers of Ward [Ref 3,5] and Haslam-Jones [Ref 4]
These results were already announced by the author [Ref 6] three
years ago.
There are 3 figures and 7 references, 3 of which are Soviet,
1 American, and 3 English.
SUBMITTED: February 28, 1957

1. Functions - Theory

Card 1/1

39-2-5/6

On the Differential Properties of Measurable Functions.

with vertex at the point $\eta = [x, f(x)]$. It may be noted that V. Jarnik [Ref.8] has proved the existence of continuous functions $f(x)$ for which at almost every point $x \in [0, 1]$ the upper density of the set $E_s(\eta)$ is equal to unity for any positive angle $s(\eta)$, $\eta = [x, f(x)]$ (the set of such functions $f(x)$ forms in a space C , a set of the second category). Nevertheless, the author proves that Schmidt's theorem cannot be strengthened, as indicated above. In Schmidt's theorem, nothing is said about the behaviour of the function $f(x)$ at neighbourhoods of those points $x \in E$ which are not points of positive lower density of the curve. It is clear that at such points, the function $f(x)$ cannot have a finite asymptotic derivative. Yarnik [Ref.8] constructed the example of a function $x(t)$ continuous on the segment $[0, 1]$ for which the set $E_s(\eta)$ has zero density at each point $t \in E$ where

$E \subset [0, 1]$, $\text{mes } E = 1$, if only the angle $s(\eta)$ is closed $\eta = [t, x(t)]$, lies in the half-plane $t' > t$ (or $t' < t$).

Clearly, in Yarnik's example, each point $t \in E$ is not a point of positive lower density of the curve of the function $x(t)$, functions, for which almost every point in the domain of definition

Card2/3 is not a point of positive lower density of the curve and, con-

Plamenov, I. Ya.
 AUTHOR: Plamenov, I. Ya. (Moscow)

39-2-5/6

TITLE: On the Differential Properties of Measurable Functions.
 (K differentsialnym svoystvam izmerimykhn funktsiy)

PERIODICAL: Matematicheskiy Sbornik, 1957, Vol.42(84), No.2,
 pp. 223 - 248 (USSR)

ABSTRACT: The questions discussed in this paper relate to the behaviour of an arbitrary measurable function of one real variable in the neighbourhoods of points at which an asymptotic derivative does not exist. Let $y = f(x)$ be a finite function defined on a set E . Denote by $s(\eta)$ any open angle in the xy -plane with vertex at the point $\eta = [x, f(x)]$ ($x \in E$) and let $E_s(\eta)$ denote the set of all points $x' \in E$ for which points of the curve $[x', f(x')]$ lie inside the angle $s(\eta)$. The question of where the upper density of the set $E_s(\eta)$, $\eta = [x, f(x)]$ for any angle $s(\eta)$ can be discontinuous between 0 and 1 at points of a set of positive measure has so far remained open. The question of the following strengthening of Schmidt's theorem is raised: at almost every point of $x \in E$ at which $f(x)$ does not have an asymptotic derivative and which is a point of positive lower density of the curve, the upper density of a set $E_s(\eta)$ is equal to unity for any angle

Card 1/3

PLAMENNOV, I.Ya.

Some sufficient conditions for the existence of an asymptotic differential. Dokl.AN SSSR 105 no.3:416-418 N '55. (MLRA 9:3)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.
(Functions of real variables)

PIAMENNOV, I.Ya.

Differential properties of measurable functions. Dokl. AN SSSR
104 no.6:819-820 0 '55. (MLRA 9:3)

1. Moskovsiy gosudarstvennyy universitet imeni M.V. Lomonosova.
Predstavleno akademikom A.N. Kolmogorovym.
(Functions)

FLAMENNOV, YA.

FLAMENNOV, YA.---"Differential Properties of Measurable Functions",*(Dissertations
For Degrees In Science And Engineering Defended At USSR Higher
Educational Institutions). (34). Moscow State U imeni M.V. Lomonosov,
Moscow, 1955.

SO: Knizhnaya Letopis' No. 34. 20 August 1955

* For the Degree of Candidate in Physico-mathematical Sciences

MAZI'YA, V.G.; PLAMENEVSKIY, B.A.

Singular equations with a vanishing symbol. Dokl. AN SSSR 160
no.6:1250-1253 F '65. (MIRA 18:2)

1. Leningradskiy gosudarstvennyy universitet im. A.A. Zhdanova.
Submitted September 21, 1964.

PLAMENEVSKIY, B.A.

Singular integral operators on a group. Dokl. AN SSSR 164
no.1:47-50 S '65. (MIRA 18:9)

1. Leningradskiy gosudarstvennyy universitet im. A.A. Zhdanova.
Submitted February 11, 1965.

MAZ'YA, V.G.; PLASHCHENSKIY, P.A.

Синтез решений для волнового типа гиперболического уравнения.
Собр. соч. 19:161-167 1965.

(MIRA 18:16)

PLAMENOVSKAYA, N.I.

Geochemical study of trace elements in rocks of the Maykul' granite
intrusion. Trudy IGEM no.5.193-212 '57. (MIRA 16:12)
(Balakash region--Granite) (Trace elements)

KOPTEV-DVORNIKOV, V.S.; POLKVOY, O.S.; DISTANOVA, A.N.; DMITRIYEV, A.N.;
YEFREMOVA, S.V.; KOZLOV, A.V.; PAVLOV, V.A.; PLAMENEVSKAYA,
N.L.; NEGREY, Ye.V.; SHEYNMAN, V.S., red.izd-va; DOROKHINA,
I.N., tekhn.red.

[Paleozoic intrusive complexes of granitoids in Bet-Pak-Dala]
Paleozoiskie intruzivnye komplekсы granitoidov Betpakdala.
Moskva, Izd-vo Akad.nauk SSSR, 1962. 295 p. (Akademiia nauk
SSSR. Institut geologii rudnykh mestorozhdenii, petrografii,
mineralogii i geokhimii. Trudy, no.54). (MIRA 16:5)
(Bet-Pak-Dala--Rocks, Igneous)

PLAMENEVSKAYA, N.L.

Petrographic characteristics of the Maykul' ore field. Trudy IGEW
no.21:150-169 ' 58. (WIRA 12:1)
(Balkhash Lake region--Petrology)

HAJDUKOVIC, Milan, inz.; BLAGOJEVIC, Bozidar, inz.; PLAMENAC, Nikola, inz.

Experiment station for the drainage of Pancevacki Rit. Saop Inst
vodopr Cerni no.14:23-30 '59.

PLAMENAC, Nikola, inz.; BLAGOJEVIC, Bozidar, inz.

The Drainage and Irrigation Experiment Station of Lipijan,
Kosovo region. Saop Inst vodopr Cerni no.14:31-37 '59.

PLAMENAC, Nikola, inz.

Experiment stations for irrigation in Southern Italy. Saop Inst
vodopr Cerni no.14:39-43 '59.

PLAMENAC, Nikola, inz.; HAJDUKOVIC, Milan, inz.

Saline soil in the Binaca Morava Valley, and problem of its reclamation.
Saop Inst vodopr Cerni no.18:25-33 '60.

PLAMENAC, N.

TECHNOLOGY

Periodical: SAOPSTENJA. TRANSACTIONS. No. 13, 1958.

PLAMENAC, N. Hydrologic and pedologic investigations of alkali soils in Knet near
Ulcinj. p. 29.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

PLAMENAC, N.

TECHNOLOGY

Periodical: SAOPSTENJA. TRANSACTIONS. No. 11, 1958.

PLAMENAC, N. Comparing methods in the determination of the hydropedologic properties of soil. p. 1.

Monthly List of East European Accessions (HEAL) LC, Vol. 8, no. 3
March 1959 Unclass.

KAZANSKIY, B. A., PIANE, A.E.

"Catalytic Cyclization of Paraffin Hydrocarbons on Platinized Carbon," Zhur. Obshch. Khim., 9, No. 6, 1939. Institute of Organic Chemistry, Academy of Sciences USSR, Division of Academician N. D. Zelinskiy. Received 2 July 1938.

Report U-1517, 22 Oct 1951

PLAMADYALO, F., kapitan dal'nego plavaniya

Sound suggestions. Mor. flot. 24 no.11:12-13 N 102.

(MIRA 18.8)

KOTLYAKOV, V. M.; PLAM, M. Ya.

"The influence of drifting on snow distribution in the mountains and its role in the formation of avalanches."

report to be presented at Intl Symp on Scientific Aspects of Snow and Ice Avalanches, Davos, Switzerland, 5 Apr-11 Apr 69.

ILLEGIBLE

PLAM, M.Ya.

Temperature measurements of the upper three-meter layer of glaciers
on the southern slope of Mount Elbrus. Inform.sbor.o rab.Geog.fak.Mosk.
gos.un. po Mezhdunar.geofiz.godu no.5:99-108 '60. (MIRA 16:3)
(Elbrus, Mount--Glaciers)

PIAM, M.Ya.

Apparatus and methods used in carrying out distant observations on
temperature conditions within the glacier masses of Mount Elbrus.
Inform. sbor. o rab. Geog. fak. Mosk. gos un po Mezhdunar. geofiz.
godu no.1:129-131 '58. (MIRA 12:3)
(Elbrus, Mount--Glaciers--Temperature)

ORLOV, I. I.; FLAKUTINA, G. I.

Thermal stability and isomerization reactions in poly(PEO), and poly(PEO-co-PDMS) of various ratios in their structure. *Macromolecules*, 1998, 31, 1025-1030.

1. Taratologicheskii sbor (av. - prof. I. I. Gerasimov, Institut
pudobnykh meditsiny (dir. - prof. V. I. Pivovarov, 22nd Ministerstva
obrazovaniya SSSR, Moskva. Submitted April 18, 1974.

GROMOV, M. I., *MASSACHUSETTS*, 1961.

Effect of temperature, parental, lactation and lactation periods on the development of the offspring of the first, second and third generation. *Dokl. eksp. biol. i med.* 59 no. 4: 91-95 Apr 1968.

(1000) 2000

1. Tanatologicheskoy otbroy (sov. - prof. V.I. Gromov, Institute
sodebnoy meditsiny (ukr. - prof. V.I. Gromov, Institute
zdravookhraneniya) USSR, St. Petersburg, 1993.

GROMOV, L. I.; SAVINA, Ye. A.; PLAKUTINA, G. I.

"Vliyaniye udaleniya endokrinnykh zhelez na razvitiye potomstva I-IV
pokoleniy."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,
Moscow, 3-10 Aug 64.

IVANOV, N., prepodavatel'; PLAKUSHCHIY, F.

Let's satisfy more fully the demand for animal products. Sov. torg.
no. 7:14-17 J1 '58. (MIRA 11:7)

1. Khar'kovskiy institut sovetskoy trgovli(for Ivanov). 2. Nachal'nik
Upravleniya myaso-molochnoy promyshlennosti Khar'kovskogo sovnarkhoza
(for Plakushchiy).

(Produce trade)

PLAKUSHCHIY, F.

Meat industry of the Kharkov Economic Region. Mias. ind. SSSR
29 no. 4:22-23 '58. (MIRA 11:8)

1. Nachal'nik upravleniya myasnoy i molochnoy promyshlennosti
Khar'kovskogo sovmarkhoza.
(Kharkhov Economic Region--Meat industry)

PLAKUSHCHIY, F.

Continuous electric stunning of pigs on the production line.
Mias.ind.SSSR 31 no.3:22-23 '60. (MIRA 1979)

1. Ukrainskiy nauchno-issledovatel'skiy institut maslozhirovoy
promyshlennosti.
(Swine)

PERELOVA, V.G.

Possibility of controlling the pH of the medium during the development of micro-organisms by the use of ion-exchange resins.
Dokl. Ak. SSSR, 197 no. 1:189-191 Nr-Apr '61. (ISSN 1413)

1. Institut khimii prirodnymi soedineniy Akademii nauk . . .
Predstavleno akademikom V.K. Shaposhnikovym.
(Hydrogen-ion concentration) (Ion exchange resins)
(Bacteriology--Cultures and culture media)

FLAKUNOVA, V.G., RABOTNIK, I.I. (USSR)

"The Reductions of Microorganisms."

Report presented at the 5th Int'l. Biochemistry Congress,
Moscow, 10-16 Aug 1961.

PLAKUNOVA, V.G.

New metabolic product of *Actinomyces aureofaciens* LS - B-16.
Dokl. AN SSSR 139 no.1:217-218 J1 '61. (MIRA 14:7)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
Predstavleno akademikom V.N. Shaposhnikovym.
(ACTINOMYCES)

SHAPOSHNIKOV, V.N.; PLAKUNOVA, V.G.

Stimulation of chlortetracycline biosynthesis by aromatic
amino acid antagonists. Izv. AN SSSR Ser. biol. 29 no.1:
132-136 Ja-F'64 (MIRA 17:3)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo
universiteta.

PLAKUNOVA, V.G.

Isolation and identification of glycerin oxidation products of
Actinomyces aureofaciens LS-B-12. Dokl. AN SSSR 114 no. 2, 1963,
447 Ja '63. (MIB. 104)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
Predstavleno akademikom V.N. Shaposhnikov.
(ACTINOMYCES) (GLYCEROL)
(MICROBIAL METABOLITES)

SHAPOSHNIKOV, V.N., akademik; PLAKUNOVA, V.G.

interrelationships among the ways of metabolism in the activity of
of tetracycline antibiotics. Dokl. AN SSSR 160 no.3:716-718 (1964).
(MIRA 18:3)

1. Moskovskiy gosudarstvennyy universitet.

SHAPOSHNIKOV, V.N.; PLATUNOVA, V.G.

Stimulation of chlortetracycline biosynthesis by N-methylantranilic acid. Mikrobiologiya 33 no.5:753-757 S-O '64.

(MIRA 18:3)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo universiteta imeni Lomonosova.

RABOTNOVA, I.L.; PLAKUNOVA, V.G.; PALENEVA, M.A.; SHEFDEROVA, L.V.

Causes of a decrease in redox potential in cultured of micro-organisms. Mikrobiologiya 32 no.6:954-960 K-D '63
(MIRA 12:1)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo universiteta imeni M.V. Lomonosova.

PLAKUNOVA, V.G.

Methods of quantitative assay of trioses and glycerin in cultures
of micro-organisms. Mikrobiologiya 31 no.6:1094-1097 N-D '62.
(MIRA 16:3)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo
universiteta imeni M.V. Lomonosova.
(TRIOSES) (GLYCEROL) (BACTERIOLOGY--TECHNIQUE)

SHAPOSHNIKOV, V.N., akademik; PLAKUNOVA, V.G.

Ways of the utilization of glycerin by *Actinomyces aureofaciens*
IS-B-16. Dokl. AN SSSR 148 no.1:210-213 Ja '63. (MIRA 16:2)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
(GLYCEROL) (ACTINOMYCES)

PLAKUNOVA, V.G.

Preparation of some trioses in a chromatographically pure state.
Nauch. dokl. vys. shkoly; biol. nauki no.4:163-164 '64.

(MIRA 17:12)

1. Rekomendovana kafedroy mikrobiologii Moskovskogo gosudarstvennogo
universiteta im. M.V. Lomonosova.

SELYATEV, A.R.; PLAKUNOV, V.K.; PLAKUNOVA, V.G.

Chemical methods for the determination of gramicidin C.
Antibiotiki 9 no.4:314-317 Ap '64. (MIRA 19:1)

1. Biologo-pochvennyy fakul'tet Moskovskogo universiteta
Imeni Lomonosova.

PIKUNOVA, V.G.; KISHINEV, I.Y.

Effect of electrostatic field on the rate of reaction of
i spirt.pnc. 30 m. 1970. 1:5. (1970) 1:5.

1. Vsesoyuznyy nauchno-issledovatel'skiy tsentr
spirtovoy promyshlennosti.

SHAPOSHNIKOV, V.N., akademik; PLAKUNOV, V.K.

Interrelationship between the biosynthesis of protein, ribonucleic acid and some coenzymes under the influence of tetracyclines in *Staphylococcus aureus* 209 F. Dokl.AN SSSR 153 no.4:987-989 (1964). (MIRA 17:33)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.

PLAKUNOV, V.K.

Relation between antibiotics of the tetracycline series and
antagonists of vitamin K. Dokl. AN SSSR 139 no.1:214-216
Jl '61. (MIRA 14:7)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
Predstavleno akademikom V.N. Shaposhnikovym.
(TETRACYCLINE) (VITAMINS--K) (BACTERIAL ANTAGONISM)

SHAPOSHNIKOV, V.N., akademik; PLAKUNOV, V.K.

Comparative physiology of two strains of *Staphylococcus aureus*
209-P, one of which is resistant and the other sensitive to
tetracycline antibiotics. Dokl. AN SSSR 148 no.2:448-451 Ja '63.
(MIRA 16:2)

(STAPHYLOCOCCUS) (TETRACYCLINE)

PLAKUNOV, V.K.

Biochemical metabolic changes in *Staphylococcus aureus* 209P,
connected with its resistance to the tetracyclines. Dokl. AN SSSR
151 no.4:952-954 Ag '63. (MIRA 16:8)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova,
Predstavleno akademikom V.N.Shaposhnikovym.
(*Staphylococcus*) (*Tetracycline*)

PLAKUNOV, V.K.

Relation between the structure of tetracycline antibiotics,
their biological activity and mechanism of action. Mikro-
biologiya 32 no.5:755-762 S-0'63 (MIRA 17:2)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvenno-
go universiteta im. Lomonosova.

SEIYEV, A.R.; PLAKUNOV, V.K.; PLAKUNOV, V.G.

Chemical methods for the determination of gramicidin S.
Antibiotiki 9 no.4:314-317 Ap '64. (MIRA 19:1)

1. Biologo-pochvennyy fakul'tet Moskovskogo universiteta
Imeni Lomonosova.

PIAKUNOV, V.K.

Study of the mechanism of action of tetracyclines on *Staphylococcus aureus* 209P. *Mikrobiologiya* 33 no.2:337-343 Mr.-Ap '64.

(MIRA 17:12)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo universiteta imeni M.V. Lomonosova.

PLAKUNOV, V.K.

Some interrelations between the structure and activity mechanism
in the series of tetracycline antibiotics. Dokl. AN SSSR 151
no.5:1207-1210 Ag '63. (MIRA 16:9)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
Predstavleno akademikom V.N.Shaposhnikovym.
(Antibiotics) (Tetracycline)

KRIGER, Yu.A.; TAMBYEV, A.Kh.; LAETROV, L.A.; MCHENKOV, N.H.; KLEPCHOV, V.K.

Prevention of some electrocyclic reactions in the
reaction of poly. *Mon. J. Chem. Phys.* (1965) (vol. 41:6)
no. 4:24-26 '65.

1. Rekomendovaniya po fiziko-khimicheskoye upravleniye
molekulami. M. H.V. Lomonosov.

L 31281-66

ACC NR: AP6020240

the solid medium with the preparations in a concentration of 10^{-4} M in a five percent solution of ethyl alcohol 20 minutes prior to the irradiation of the yeasts. The antibiotics when used in the above concentration are not toxic, while the ethyl alcohol in the form of a 5% solution is not radioprotective. The data obtained in the experiments established that all of the mentioned chlortetracycline derivatives have a low degree of bactericidal activity; all, however, possess radioprotective properties, with the degree of these properties varying, depending on the antibiotic used. The experiments thus established that there is no relationship between the bactericidal and radioprotective properties of the antibiotics. [JPRS]

SUB CODE: 06 / SUBM DATE: 01Feb65 / ORIG REF: 013 / OTH REF: 003

Card 2/2 A C

L 31281-66 EWT(1)/T JK

ACC NR: AP6020240 (A,N)

SOURCE CODE: UR/0325/65/000/004/0094/0096

AUTHOR: Kruger, Yu. A.; Tambiyev, A. Kh.; Zakirov, L. A.; Mel'nikova, N. N.; Plakunov, V. K.

ORG: Department of Biophysics, Moscow State University im. M. V. Lomonosov (Kafedra biofiziki Moskovskogo gosudarstvennogo universiteta)

TITLE: Protective action of some of the chlortetracycline derivatives in radiation affection of yeasts

SOURCE: Nauchnyye doklady vysshey shkoly. Biologicheskiye nauki, no. 4, 1965, 94-96

TOPIC TAGS: Saccharomyces, antibiotic, bactericide, radioprotective agent

ABSTRACT: The object of the experiments described in this article was to determine the relationship between the bactericidal and radioprotective properties of chlortetracycline derivatives. A 2-day old culture of diploid yeasts Saccharomyces vini strain Megri 139V in the form of a film was irradiated on a solid medium consisting of a 2% layer with beer wort untreated with hops. After the irradiation the yeasts were washed with distilled water from the surface of the agar, diluted, and planted in glass Petri dishes filled with agar. The chlortetracycline derivatives used in the experiments were isochlortetracycline, dedimethyl-minoaurcomycinic acid, aureonamide, aureon, anhydrochlortetracycline, and chlortetracycline methyl-iodide. The protective properties of the antibiotics were tested by treating

Card 1/2

PLAKUNOV, V.K.

Determination of vitamin K in gram-positive microorganisms.
Mikrobiologiya 34 no.3:524-527 My-Je '65.

(MIRA 18:11)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo
universiteta imeni M.V.Lomonosova.

PLAKUNOV, N.I., veterinarnyy fel'dsher.

Horse-drawn disinfection apparatus. Veterinariia 33 no.5:69
My '56. (MLRA 9:8)

1. Plemsovkhoz "Pervomayskiy", Novosibirskoy oblasti.
(Spraying and dusting equipment)

DALIN, M.A., akademik; LOBKINA, V.V.; ABAYEV, G.N.; SEREBRYAKOV, B.R.;
PLAKSUNOVA, S.L.

Production of acrylonitrile based on propylene and ammonia.
Dokl.AN SSSR 145 no.5:1058-1060 '62. (MIRA 15:8)

1. AN Azerbaydzhanskoy SSR (for Dalin).
(Acrylonitrile) (Propene) (Ammonia)

ILLEGIBLE

PLAKU, A.

Socialist emulation at the State Red Star Farm. p. 19

Vol. 9, no. 9, Sept. 1955
PER BUJQESINE SOCIALISTE
Tirane, Albania

SO: East European Accession Vol. 5, no. 4, April 1956

BADYAGIN, Aleksandr Alekseyevich; OVRUTSKIY, Yefim Abramovich;
TOLSTYKH, I.P., kand. tekhn. nauk, retsenzent; FLAKSON,
V.A., kand. tekhn. nauk, red.; BOGACHEVA, K.F., red.

[Design of passenger airplanes taking into consideration
the economic aspects of their operation] Proektirovaniye pas-
sazhirskskikh samoletov s uchetom ekonomiki eksploatatsii.
Moskva, Mashinostroenie, 1964. 294 p. (NIRA 17:7)

PLAKSON, V., kandidat technickych ved.

The problem is not only in standards. Letecky obzor 6 no.11:
342-343 '62.

PLAKSON, V., starshiy nauchnyy sotrudnik, kand.tekhn.nauk

The point is not only in norms. Grazhd.av. 19 no.7125
Jl '62.

(HMA 15:6)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut Grazhdanskogo
vozdušnogo flota.

(Airplanes-Fuel)

PLAKSON, V., starshiy nauchnyy sotrudnik

Confirmed by experience and practice. Ground. av. 20 no. 7:23 51 163.
(MIRA 16:9)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut Aeroflota.
(Airplanes--Fuel systems)

ISAYEV, V. and FLAKSON, V.

"The Norms of Scheduled Flights," Moscow, 1949.

ANDROSOV, Boris Innokent'yevich; BOGOSLOVSKIY, Andrey Mikhaylovich;
MATVEYEV, Yevgeniy Nikolayevich; PECHENENKO, Viktor Ivanovich;
SAPRYKIN, Aleksey Petrovich. Prinsipialnyye uchastkiye: KOTYER,
R.I.; PLAKSIONOV, N.P. LUBCHKIN, B.I., obshchiy red.;
ALEKSANDROV, L.A., red.izd-va; TIKHONOVA, Ye.A., tekhn.red.

[Manual for third-class mechanics of marine steamships]
Uchebnoe posobie dlia mekhanika III razriada morskikh parovykh
sudov. Pod red. B.I.Lubochkina. Izd.2., perer. Moskva, Izd-vo
"Morskoi transport," 1958. 646 p. (MIRA 12:7)
(Steamboats) (Marine engineering)

PLAKSINA-SHISHOKINA, F. F.																									
Ternary system aniline allyl mustard oil benzene. N. S. KURNAKOV AND F. F. PLAKSINA-SHISHOKINA. <i>Ann inst anal phys chem</i> (Leningrad) 5, 29 (1931). The diagram of fusion of the binary system $C_6H_5NH_2$-C_6H_5NCS reveals the compound $C_6H_5NHCSNH_2$, which is not dissolved in the liquid state. Its point lies on the intersection, at 50 mol. %, of 2 branches of the same curve of fusion. The diagram of fusion of the ternary system was studied and 3 out of 4 possible fields of crystal were obtained. The heat of fusion of $C_6H_5NHCSNH_2$ is 6500 cal. and corresponds to that calculated from depression of the f. p. J. G. TOLIN																									
ASH 55.4 METALLURGICAL LITERATURE CLASSIFICATION																									

[illegible]

PLAKSINA, T.A.

Production of high-quality cement at the Bryansk cement plant.
TSement 27 no.5:27-29 S-O '61. (MIRA 14:12)

1. Bryanskiy tsementnyy zavod.
(Bryansk--Portland cement)

PLAKSINA, T.; TIMOFEYEV, V.Ye., dotsent, nauchnyy rukovoditel'

Formation of steppe shrub stands in river valleys of the trans-Volga portion of Kuybyshev Province. Uch.zap.Kuib.gos.ped.inst.
no.37:38-42 '62. (MIRA 16:1)
(Kuybyshev Province--Shrubs)

PULATOVA, S., tkachikha; PLAKSINA, N., metal'shchitsa

Women workers are satisfied with the draft law. Sov.
profsoiuzy 7 no.24:42-43 D '59. (MIRA 12:12)

1. Pervaya tkatskaya fabrika Tashkenstkogo tekstil'nogo
kombinata.
(Woman--Employment)

BASHEV, F.I., inzhener; PLAKSINA, T.A.

Effect of adding Bryansk tripoli on the quality of cement.
TSement 22 no.1:24-25 Ja-F '56. (MLRA 9:6)

1. Bryanskiy tsementnyy zavod.
(Bryansk--Cement industries) (Tripoli (Mineral))

137-58-4-6365

Development of a Procedure for Refining Zircon Intermediates
procedure (1), and to simplify procedure in (2). Layouts are appended

1 Ores--Separation--Processes 2. Zirconium--Applications

A Sh

Card 2/2

137-58-4-6365

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 4, p 5 (USSR)

AUTHOR: Plaksina, L. G.

TITLE: Development of a Procedure for Refining Zircon Intermediates
(Razrabotka skhemy dovodki tsirkonovykh poluproduktov)

PERIODICAL: Tr. N-i. gornorazved. in-ta "Nigrizoloto", 1957, Nr 24,
pp 116-122

ABSTRACT: Various methods of milling: gravity, electrostatic, magnetic, and flotation, were studied for their applicability to this problem. Two procedures were developed: 1) dressing zircon intermediates with concentration on the table at the beginning of the process (in the case of a wet product); the zircon content of the concentrate was 98.85 percent in this case, and 88.38 percent was extracted; 2) concentration by electrostatic separation of the raw material at the beginning of the process (when the product is dry); in this case, the zircon concentration in the concentrate was 98.39 percent, and 87.80 percent was extracted. Elimination of magnetic beneficiation from the procedures made it possible to increase extraction of zircon to 91.08 percent in the case of

Card 1/2